

Course of Study Energy Systems (Study Cohort w18)

Sample course plan A Master Energy Systems (ENTMS)
Specialisation Energy Systems

Legend:

Core qualification Compulsory	Specialisation Compulsory	Focus Compulsory	Thesis Compulsory
Core qualification Elective Compulsory	Specialisation Elective Compulsory	Focus Elective Compulsory	Interdisciplinary complement

LP	Semester 1	Form Hrs/wk	Semester 2	Form Hrs/wk	Semester 3	Form Hrs/wk	Semester 4	Form Hrs/wk
1	Practical Course Energy Systems	PR 6	Combined Heat and Power and Combustion Technology		Project Work Energy Systems		Master Thesis	
2								
3								
4								
5								
6								
7	Thermal Engineering		Computational Fluid Dynamics II					
8								
9								
10	Thermal Engineering	VL 3	Computational Fluid Dynamics II	VL 2				
11	Thermal Engineering	HÜ 1	Computational Fluid Dynamics II	HÜ 2				
12								
13	Finite Elements Methods		Air Conditioning		Innovative CFD Approaches			
14								
15								
16	Finite Element Methods	VL 2	Air Conditioning	VL 3	Application of Innovative CFD Methods in Research and Development	VL 2		
17	Finite Element Methods	HÜ 2	Air Conditioning	HÜ 1	Application of Innovative CFD Methods in Research and Development	UE 2		
18								
19	Aircraft Systems I		Turbomachinery		Aircraft Cabin Systems			
20								
21								
22	Aircraft Systems I	VL 3	Turbomachines	VL 3	Aircraft Cabin Systems	VL 3		
23	Aircraft Systems I	HÜ 2	Turbomachines	HÜ 1	Aircraft Cabin Systems	HÜ 1		
24								
25	Marine Power Engineering							
26								
27								
28								
29								
30	Electrical Installation on Ships	VL 2						
	Electrical Installation on Ships	HÜ 1						
	Marine Engineering	VL 2						
	Marine Engineering	HÜ 1						
	Business & Management (from catalogue) - 6LP							
	Nontechnical Elective Complementary Courses for Master (from catalogue) - 6LP							

The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.

